OIPE IAP17
JAN 26 2007
PATENT & TRADEMARK OFFICE

Truncated ORF2 amino acid sequence (SEQ ID NO:19)

```
     GTGGCCGAACAAGTTAAATTGAGCGTGGAGTTGATAGCGTGCAGTTCTTTTACTCCACCC
   1 ---------+---------+---------+---------+------ --+---------+ 60

     M  A  E  Q  V  K  L  S  V  E  L  I  A  C  S  S  F  T  P  P

     GCTGATGTTGAGTGGTCAACTGATGTTGAGGGCGCGGAAGCACTCGTCGAGTTTGCGGGT
  61 ---------+---------+---------+---------+---------+---------+ 120

     A  D  V  E  W  S  T  D  V  E  G  A  E  A  L  V  E  F  A  G

     CGTGCCTGCTACGAAACTTTTGATAAGCCGAACCCTCGAACTGCTTCCAATGCTGCGTAT
 121 ---------+---------+---------+---------+---------+---------+ 180

     R  A  C  Y  E  T  F  D  K  P  N  P  R  T  A  S  N  A  A  Y

     CTGCGCCACATCATGGAAGTGGGGCACACTGCTTTGCTTGAGCATGCCAATGCCACGATG
 181 ---------+---------+---------+---------+---------+---------+ 240

     L  R  H  I  M  E  V  G  H  T  A  L  L  E  H  A  N  A  T  M

     TATATCCGAGGCATTTCTCGGTCCGCGACCCATGAATTGGTCCGACACCGCCATTTTTCC
 241 ---------+---------+---------+---------+---------+---------+ 300

     Y  I  R  G  I  S  R  S  A  T  H  E  L  V  R  H  R  H  F  S

     TTCTCTCAACTGTCTCAGCGTTTCGTGCACAGCGGAGAATCGGAAGTAGTGGTGCCCACT
 301 ---------+---------+---------+---------+---------+---------+ 360

     F  S  Q  L  S  Q  R  F  V  H  S  G  E  S  E  V  V  V  P  T

     CTCAT ...
 361 -----

     L  I
```

FIG. 24